

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	((("6808161") or ("5836967"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/19 23:37
L2	637	(251/149.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/19 23:39
L3	130	("3837381"   "4143853"   "4436519"   "4607671"   "4610674"   "4629450"   "4673400"   "4759756"   "4765588"   "4786281"   "4850975"   "5092840"   "5100394"   "5104379"   "5114408").PN. OR ("5251873").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/06/19 23:52
L10	1179	(604/246).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2011/06/20 00:05
L11	0	connection port and valve and deformable and semispherical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:06
L12	0	connection port and semispherical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:06
L13	4	semispherical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:06
L14	0	smishperical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07

L15	15799	semispherical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07
L16	2798	semispherical and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07
L17	18	16 and connection port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07
L18	213	16 and deformable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07
L19	31	18 and (deformable same semispherical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/06/20 00:07
S1	0	WO-0107102-\$.DID. OR EP-1243285-\$. DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 13:18
S2	9	EP-1217284-\$.DID. OR WO-9817192-\$. DID. OR DE-2830800- \$.DID. OR WO- 9503841-\$.DID. OR WO-9515195-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 13:37
S3	6	US-4143853-\$.DID. OR US-2511491-\$. DID. OR WO- 9826835-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 13:44
S4	3	WO-0107102-\$.DID. OR EP-1243285-\$. DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 13:45
S5	1604940	seals	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/02 15:04
S6	931	"604/246".OCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:12
S7	1	((AKI TOSHI) near2 (FUKAI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:32
S8	1	((YOSHI HITO) near2 (OKUI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:32
S9	7	((TOSHI AKI) near2 (TAKEUCHI)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:32

S10	931	S6 and py@> "1970"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:50
S11	811	S6 and @py> "1970"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 15:51
S12	931	"604/246".CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:59
S13	811	S12 and @py> "1970"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:59
S14	531	S13 and @py< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/02 17:59
S15	931	"604/246".CCLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 17:57
S16	811	S15 and @py> "1970"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 17:57
S17	531	S16 and @py< "2003"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 17:57
S18	279	S17 and seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 17:57
S19	1605204	seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:27
S20	1781	vlave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:27
S21	2267728	valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:27
S22	32929	semi and sphere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:27
S23	3287	no near penetration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:28
S24	5	S23 and S22 and S21 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:28
S25	18	S23 and S22 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:28

S26	9904	sealing valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:31
S27	647	S26 and catheter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:31
S28	258	S26 and infusion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:31
S29	1	"10541960"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:32
S30	1607543	sealing valve or seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:40
S31	2106941	deform or press	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:40
S32	7635	without penetrat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:41
S33	741	S30 and S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/04 18:41
S34	2	("4991745").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 18:44
S35	117	("1607993"   "1748682"   "1825553"   "1989145"   "1996156"   "2005642"   "2094700"   "2122299"   "2644663"   "2679954"   "2688979"   "2720881"   "2758755"   "2802607"   "2937795"   "2941544"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 18:45

		"2942762"   "3111703"   "3165241"   "3179301"   "3669323"   "3674183"   "3685700"   "3726436"   "4036412"   "4109836"   "4133457"   "4616768"   "4620648"   "4646945"   "4660747"   "4699300"   "4728006"   "4749108").FN. OR ("4991745").URPN.				
S36	2	("4898583").FN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 19:00
S37	2	("6079432").FN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/04 19:15
S38	28	("3853127"   "5279571"   "5354275"   "5402982"   "5409463"   "5549577"   "5676346"   "5807348"   "5814024").FN. OR ("6079432").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 19:18
S39	6	US-4143853-\$.DID. OR US-2511491-\$. DID. OR WO- 9826835-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/05 00:52
S40	9	EP-1217284-\$.DID. OR WO-9817192-\$. DID. OR DE-2830800- \$.DID. OR WO- 9503841-\$.DID. OR WO-9515195-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/05 00:52
S41	2	US-6045039-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/05 00:53

S42	3	WO-0107102-\$.D.ID. OR EP-1243285-\$. D.ID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/05 00:54
S43	2	("5676346").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:04
S44	2	("5251873").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:57
S45	6	((("5616129") or ("5620434") or ("5439451"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/05 01:59
S46	2	WO-9503509-\$.D.ID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/01/05 02:02
S47	2	("5836967").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/05 03:37
S48	6	((("5411487") or ("6245048") or ("6428520"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 03:52
S49	4	((("6808161") or ("5836967"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/06/18 04:01
S50	645506	dome or spherical or semi-spherical or semispherical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:02
S51	1645559	seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:02
S52	103478	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:02
S53	1	S52 and medial	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:02

S54	10777	S52 and medical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:02
S55	1711	S54 and elongate and member	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:03
S56	537	S55 and penetration	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:03
S57	254	S56 and compress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:03
S58	0	no penetration and dome seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:05
S59	6	dome seal and syringe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:05
S60	0	spherical seal and cylindrical seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:17
S61	10	spherical seal and cylindrical seal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/06/18 04:17
S62	6	("5295657"   "5295658"   "5501426"   "5533708"   "5676346"   "6050978").PN. OR ("6808161").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/06/18 04:21

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1451	(604/247,248,249).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:03
L5	761	(604/250,251,253).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:03

L6	996	(604/254,255,256).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:03
L7	394	(604/257,258,259).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:04
L8	289	(604/260,261,262).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:04
L9	1401	(604/244,245,246).CQLS	US-PGPUB; USPAT; UPAD	OR	OFF	2011/06/20 00:04
L20	3701	5 or 4 or 7 or 8 or 6 or 9	USPAT; UPAD	ADJ	ON	2011/06/20 00:11
L21	13	20 and semispherical	USPAT; UPAD	ADJ	ON	2011/06/20 00:11
L22	2287	20 and valve	USPAT; UPAD	ADJ	ON	2011/06/20 00:13
L23	60	22 and sleeve and spherical	USPAT; UPAD	ADJ	ON	2011/06/20 00:14

6/20/2011 12:37:29 AM

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